

Application No. 10/063125
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Amendment
Attorney Docket No. S63.2B-10399-US01

Amendments To The Claims:

Claim 1. (Currently amended) An expandable medical implant for implantation in a bodily vessel, the implant having a flow passage therethrough, the implant comprising a tungsten-rhenium alloy.

Claim 2. (Original) The medical implant of claim 1 in the form of a stent.

Claim 3. (Original) The medical implant of claim 2 wherein the tungsten-rhenium alloy consists essentially of tungsten and rhenium.

Claim 4. (Original) The medical implant of claim 3 wherein the tungsten is present in an amount ranging from about 75 weight percent to about 99 weight percent.

Claim 5. (Canceled)

Claim 6. (Original) The medical implant of claim 5 wherein the rhenium is present in an amount ranging from about 25 weight percent to about 1 weight percent.

Claim 7. (Original) The medical implant of claim 1 wherein the modulus of elasticity is at least 400 GPa.

Claim 8. (Currently amended) The medical implant of claim 2 having a sidewall and a plurality of openings therein, the implant formed from a sheet or from a tube, the openings having been formed by removing material from the sheet or tube having been made from a sheet of material or from a tube.

Claim 9. (withdrawn) A medical implant for implantation in a bodily vessel, the implant having a flow passage therethrough, the implant comprising molybdenum TZM alloy.

Claim 10. (withdrawn) The medical implant of claim 9 in the form of a stent.

Claim 11. (withdrawn) The medical implant of claim 9 wherein the modulus of elasticity is at least 300 GPa.

Claim 12. (withdrawn) The medical implant of claim 9 having a sidewall and a plurality of openings therein, the implant having been made from a sheet of material or from a tube.

Claim 13. (Original) A stent manufactured from a sheet of metal or from a metal tube, the metal having a modulus of elasticity of 300 GPa or greater.

Claim 14. (Original) The stent of claim 13 wherein the modulus of elasticity is 400 GPa or greater.

Claim 15. (Original) The stent of claim 14 wherein the stent comprises a tungsten-rhenium

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alloy.

Claim 16. (withdrawn)

The stent of claim 13 wherein the metal consists essentially of

molybdenum.

Claim 17. (withdrawn)

The stent of claim 13 wherein the metal consists essentially of

molybdenum TZM alloy.

Claim 18. (withdrawn)

The stent of claim 13 comprising molybdenum TZM alloy.

Claim 19. (withdrawn)

The stent of claim 13 comprising molybdenum.

Claim 20. (Original)

The stent of claim 14 comprising a tungsten-rhenium alloy.

Claim 21. (Original)

The stent of claim 14 consisting essentially of a tungsten-rhenium alloy.

Claim 22. (Original)

The stent of claim 21 wherein the tungsten is present in an amount ranging from about 75 weight percent to about 99 weight percent.

Claim 23. (withdrawn)

A medical implant comprising TZM alloy.

Claim 24. (withdrawn)

The medical implant of claim 23 in the form of a stent.

Claim 25. (new)

The stent of claim 13 having a sidewall and a plurality of openings therein, the openings having been formed by removing material from the sheet or tube.